

**WHAT IS CLAIMED IS:-**

1. A printhead assembly, comprising:  
at least one printhead module comprising at least two printhead integrated circuits, each of which has nozzles formed therein for delivering printing fluid onto the surface of print media, and a support member  
5 supporting and carrying the printing fluid for the at least two printhead integrated circuits; and  
a casing comprising a support frame for supporting the at least one printhead module and a cover portion which is removably attached to the support frame.
2. A printhead assembly according to claim 1, wherein:  
drive electronics are provided for driving the at least two printhead integrated circuits of the at least  
10 one printhead module via the electrical connector; and  
the support frame further supports the drive electronics.
3. A printhead assembly according to claim 2, wherein the cover portion is arranged to shield the drive electronics and the printhead integrated circuits from electromagnetic interference.
4. A printhead assembly according to claim 2, wherein the cover portion comprises fin portions  
15 arranged on an outer surface thereof with respect to the support frame so as to be adjacent the drive electronics.
5. A printhead assembly according to claim 4, wherein the cover portion further comprises a heat coupling material portion arranged on an inner surface thereof with respect to the support frame so as to lie between the fin portions and the drive electronics.
- 20 6. A printhead assembly according to claim 1, wherein:  
the at least one printhead module is formed as a unitary arrangement of the at least two printhead integrated circuits, the support member, at least one fluid distribution member mounting the at least two printhead integrated circuits to the support member, and an electrical connector for connecting electrical signals to the at least two printhead integrated circuits; and  
25 the support member has at least one longitudinally extending channel for carrying the printing fluid for the printhead integrated circuits and includes a plurality of apertures extending through a wall of the support member arranged so as to direct the printing fluid from the at least one channel to associated nozzles in both, or if more than two, all of the printhead integrated circuits by way of respective ones of the fluid distribution members.

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